

In the Claims

Kindly amend claims 1, 10, and 32 as follows:

1. (Currently Amended) A new wireless device for monitoring a physiological pressure having the advantages of limiting electromagnetic interference and consuming little power, comprising:

a housing for protecting the device;

a pressure transducer operatively attached to the housing and adapted for placement on a patient;

and

a transmitter in operative communication with the transducer and operatively attached to the housing, the transmitter adapted to broadcast a signal which is modulated by an output of the pressure transducer; and

a display secured to the housing and operatively connected to the pressure transducer for displaying a representation of an output from the pressure transducer, the display adapted for placement on the patient.

2. (Original) The device of claim 1 further comprising:

a receiver which can be tuned to receive a signal from the transmitter.

3. (Original) The device of claim 2, further comprising:

a computer in operative communication with the receiver.

4. (Previously Amended) The device of claim 1, further comprising:

a temperature sensor, wherein the transmitter is adapted to convey a signal which is modulated by outputs of both the pressure transducer and the temperature sensor, and wherein the display is further adapted to display a representation of an output from the temperature sensor.

5. (Original) The device of claim 1 wherein the pressure transducer is a diaphragm.

6. (Original) The device of claim 1 wherein the pressure transducer is a bell.

7. (Previously Amended) The device of claim 1 wherein the pressure transducer is a blood pressure sensing transducer.

8. (Previously Cancelled)

9. (Previously Cancelled)

10. (Currently Amended) A new method of monitoring a physiological pressure having the advantages of limiting electromagnetic interference and consuming little power, comprising:
transducing a physiological pressure using a device having a display and placed on a patient;
displaying a representation of the physiological pressure on ~~a the display within of~~ the device;
broadcasting a signal which is modulated by the transduced physiological pressure; and
limiting the power of the signal so that it will attenuate within a predetermined distance.

11. (Original) The method of claim 10, further comprising:
receiving the transmitted signal.

12. (Original) The method of claim 11, further comprising:
recovering the physiological pressure from the transmitted signal.

13. (Original) The method of claim 10 wherein the physiological pressure is a heart sound.

14. (Original) The method of claim 10 wherein the physiological pressure is a lung sound.

15. (Original) The method of claim 10 wherein the physiological pressure is a bowel sound.

16. (Original) The method of claim 10 wherein the predetermined distance is 15 feet.

17. (Original) The method of claim 10 wherein the predetermined distance is 10 feet.

Claims 18-29 (Previously Cancelled)

30. (Previously Added) The device of claim 1 further comprising a memory operatively connected to the pressure transducer for storing an audio representation of the physiological pressure.

31. (Previously Added) The method of claim 10 further comprising recording an audio representation of the physiological pressure within the device.

32. (Currently Amended) A device for monitoring physiological pressure, comprising:
a housing adapted to be placed on a patient;

a pressure transducer operatively attached to the housing;

a transmitter operatively connected to the pressure transducer;

a memory disposed within the housing and operatively connected to the pressure transducer for storing an audio representation of a sound transduced by the pressure transducer.

33. The device of claim 32 further comprising a display operatively connected to the pressure transducer for displaying a representation related to an output of the pressure transducer.

34. The device of claim 33 further comprising a temperature sensor operatively connected to the display, and wherein the display is adapted for displaying a representation related to an output of the temperature sensor.